



Agenda Date: 7/29/09
Agenda Item: 6B

STATE OF NEW JERSEY
Board of Public Utilities
Two Gateway Center
Newark, NJ 07102
www.nj.gov/bpu/

RELIABILITY AND SECURITY

IN THE MATTER OF THE AMERICAN RECOVERY)
AND REINVESTMENT ACT OF 2009 – FUNDING)
FOR ENHANCING STATE ENERGY ASSURANCE)
CAPABILITIES AND SMART GRID RESILIENCY)

ORDER

DOCKET NO. EO09070540

BY THE BOARD:

This Order memorializes action taken by the Board of Public Utilities ("Board") at its July 29, 2009 Agenda meeting. At that meeting, the Board approved a grant application for Enhancing State Energy Assurance Capabilities and Smart Grid Resiliency (hereinafter referred to as the "State EA Initiative") for submission pursuant to the American Recovery and Reinvestment Act of 2009, Pub. L. No. 111-5 ("Recovery Act").

The goal of the Recovery Act is to stimulate the economy and to create and retain jobs. The Recovery Act is also intended, in part, to "facilitate recovery from disruptions to the energy supply" and "enhance reliability and quicker repair of energy outages". To accomplish this, the Recovery Act appropriates funding for the U.S. Department of Energy ("USDOE") to award formula-based grants to States, U.S. Territories, and the District of Columbia for the purpose of assisting eligible entities in implementing the State EA Initiative.

On June 15, 2009, the USDOE issued a funding opportunity announcement for the State EA Initiative. The purpose of the State EA Initiative is to develop new, or refine existing, plans to integrate new energy portfolios and new applications into energy assurance and emergency preparedness plans. The stated objectives of the State EA Initiative are to: (1) strengthen and expand State and local government energy assurance planning and resiliency efforts by incorporating response actions for new energy portfolios and Smart Grid applications, (2) create jobs and (3) build in-house State and local government energy assurance expertise. The grant initiative will focus on building regional energy assurance capability to allow States to better coordinate and communicate state-wide and with one another on energy security, reliability, and emergency response issues. The period of performance for the State EA Initiative will be 36 months from the date of award.

For this grant opportunity, the USDOE uses a population-based formula to award grants to eligible entities. Under the formula, New Jersey is eligible for \$ 996,658.¹ All applications are due to the USDOE no later than July 30, 2009. As part of the funding opportunity

¹ This funding opportunity is intended for the State Energy Offices. In New Jersey, the functions of the State Energy Office are administered by the Board of Public Utilities. Energy assurance or energy security functions are administered by the Board's Division of Reliability and Security.

announcement, the USDOE requires that each eligible applicant use its allocated funds for projects that address the following activities:

1. Create in-house expertise at the State level on energy assurance planning and resiliency, focusing on Smart Grid applications and vulnerabilities, critical infrastructure interdependencies, cyber security, energy supply systems, energy data analysis and communications.
2. Develop new, or refine existing, Energy Assurance Plans to incorporate response actions to new energy portfolios, including Smart Grid technologies.
3. Revise appropriate State policies, procedures and practices to reflect the Energy Assurance Plans.
4. Develop and initiate a process or mechanism for tracking the duration, response, restoration and recovery time of energy supply disruption events.
5. Train appropriate personnel on energy infrastructure and supply systems and the content and execution of energy assurance plans.
6. Conduct energy emergency exercises (intra and interstate) to evaluate the effectiveness of the energy assurance plans.

Pursuant to N.J.S.A. 52:27F-16.2, the Board has the responsibility of assuring that the energy needs of the State are met in the event of an energy emergency. To that end, the Board's Division of Reliability and Security has several programs, policies, plans and capabilities in place to ensure the achievement of that responsibility. However, existing programs, policies and plans need to be further integrated and augmentation of the State's energy emergency preparedness capabilities is becoming increasingly necessary. In order to increase the energy emergency preparedness capabilities of the State, the Board proposes to use the full amount of New Jersey's allocated State EA Initiative funds on the following energy assurance activities:

As detailed in the attached application, the Board's Division of Reliability and Security proposes to use allocated funds to refine in-house expertise; to develop an Energy Assurance Plan and an improved mechanism for tracking energy supply disruptions; and to conduct two tabletop exercises. Specifically, the Board's Division of Reliability and Security proposes to develop a new Energy Assurance Plan ("EAP") that will consolidate the existing fragmented plans and critical infrastructure protection ("CIP") initiatives as well as outline the Board's current legal authorities. The Board's Division of Reliability and Security also intends to complete degree, certificate, and/or training courses related to cyber security and smart grid vulnerabilities. In addition, the Board's Division of Reliability and Security proposes various means of improving its tracking of energy disruptions. Upon completion of the EAP, a minimum of two tabletop exercises will be designed to test the relationships and communications between interested parties within the state and beyond (including Public Utility Commissions from surrounding states). Because these proposed uses are consistent with the USDOE's funding opportunity guidance, the Division of Reliability and Security recommends Board approval of the application package.

Having reviewed the application, the Board **HEREBY FINDS** that the EAP and related energy assurance enhancements detailed in the application for the State EA initiative contains strategies designed to ensure the continued supply of energy to the State in the event of an energy emergency. The Board **FURTHER FINDS** that the EAP is consistent with the Recovery Act's goal to facilitate recovery from disruptions to the energy supply and enhanced reliability

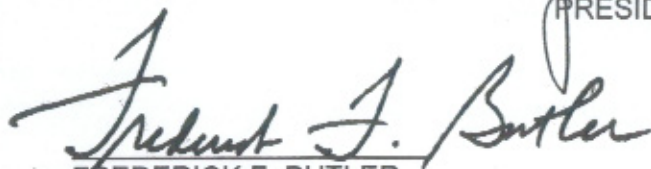
and quicker repair of energy outages. In light of the foregoing, the Board HEREBY APPROVES the application package for submission to the USDOE.

DATED:


11/4/09

BOARD OF PUBLIC UTILITIES
BY:


JEANNE M. FOX
PRESIDENT

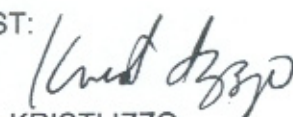

FREDERICK F. BUTLER
COMMISSIONER


JOSEPH L. FIORDALISO
COMMISSIONER

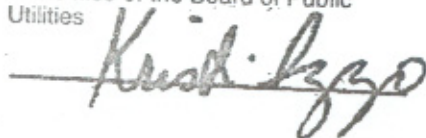

NICHOLAS ASSELTA
COMMISSIONER


ELIZABETH RANDALL
COMMISSIONER

ATTEST:


KRISTI IZZO
SECRETARY

I HEREBY CERTIFY that the within
document is a true copy of the original
in the files of the Board of Public
Utilities



Opportunity Title:	Recovery Act - Enhancing State Government Energy Assura
Offering Agency:	National Energy Technology Laboratory
CFDA Number:	81.122
CFDA Description:	Electricity Delivery and Energy Reliability, Research,
Opportunity Number:	DE-FOA-0000091
Competition ID:	
Opportunity Open Date:	06/15/2009
Opportunity Close Date:	07/30/2009
Agency Contact:	Kellyn.Cassell Contract Specialist E-mail: Kellyn.Cassell@netl.doe.gov Phone: 304-285-4554

This electronic grants application is intended to be used to apply for the specific Federal funding opportunity referenced here.

If the Federal funding opportunity listed is not the opportunity for which you want to apply, close this application package by clicking on the "Cancel" button at the top of this screen. You will then need to locate the correct Federal funding opportunity, download its application and then apply.

This opportunity is only open to organizations, applicants who are submitting grant applications on behalf of a company, state, local or tribal government, academia, or other type of organization.

* Application Filing Name:

Mandatory Documents

Move Form to Complete

Move Form to Delete

Mandatory Documents for Submission

Application for Federal Assistance (SF-424)
Other Attachments Form
Project/Performance Site Location(s)

Optional Documents

Move Form to Submission List

Move Form to Delete

Optional Documents for Submission

Disclosure of Lobbying Activities (SF-LLL)

Instructions

- 1** Enter a name for the application in the Application Filing Name field.

 - This application can be completed in its entirety offline; however, you will need to login to the Grants.gov website during the submission process.
 - You can save your application at any time by clicking the "Save" button at the top of your screen.
 - The "Save & Submit" button will not be functional until all required data fields in the application are completed and you clicked on the "Check Package for Errors" button and confirmed all data required data fields are completed.
- 2** Open and complete all of the documents listed in the "Mandatory Documents" box. Complete the SF-424 form first.

 - It is recommended that the SF-424 form be the first form completed for the application package. Data entered on the SF-424 will populate data fields in other mandatory and optional forms and the user cannot enter data in these fields.
 - The forms listed in the "Mandatory Documents" box and "Optional Documents" may be predefined forms, such as SF-424, forms where a document needs to be attached, such as the Project Narrative or a combination of both. "Mandatory Documents" are required for this application. "Optional Documents" can be used to provide additional support for this application or may be required for specific types of grant activity. Reference the application package instructions for more information regarding "Optional Documents".
 - To open and complete a form, simply click on the form's name to select the item and then click on the => button. This will move the document to the appropriate "Documents for Submission" box and the form will be automatically added to your application package. To view the form, scroll down the screen or select the form name and click on the "Open Form" button to begin completing the required data fields. To remove a form/document from the "Documents for Submission" box, click the document name to select it, and then click the <= button. This will return the form/document to the "Mandatory Documents" or "Optional Documents" box.
 - All documents listed in the "Mandatory Documents" box must be moved to the "Mandatory Documents for Submission" box. When you open a required form, the fields which must be completed are highlighted in yellow with a red border. Optional fields and completed fields are displayed in white. If you enter invalid or incomplete information in a field, you will receive an error message.
- 3** Click the "Save & Submit" button to submit your application to Grants.gov.

 - Once you have properly completed all required documents and attached any required or optional documentation, save the completed application by clicking on the "Save" button.
 - Click on the "Check Package for Errors" button to ensure that you have completed all required data fields. Correct any errors or if none are found, save the application package.
 - The "Save & Submit" button will become active; click on the "Save & Submit" button to begin the application submission process.
 - You will be taken to the applicant login page to enter your Grants.gov username and password. Follow all onscreen instructions for submission.

Application for Federal Assistance SF-424

Version 02

* 1. Type of Submission:

- ☐ Preapplication
☒ Application
☐ Changed/Corrected Application

* 2. Type of Application:

- ☒ New
☐ Continuation
☐ Revision

* If Revision, select appropriate letter(s):

* Other (Specify)

* 3. Date Received:

Completed by Grants.gov upon submission.

4. Applicant Identifier:

SEO-MA-NJ

5a. Federal Entity Identifier:

* 5b. Federal Award Identifier:

State Use Only:

6. Date Received by State:

7. State Application Identifier:

8. APPLICANT INFORMATION:

* a. Legal Name: NEW JERSEY BOARD OF PUBLIC UTILITIES

* b. Employer/Taxpayer Identification Number (EIN/TIN):

00-0000018

* c. Organizational DUNS:

189737682

d. Address:

* Street1:

2 Gateway Center

Street2:

9th Floor

* City:

Newark

County:

Essex

* State:

NJ: New Jersey

Province:

* Country:

USA: UNITED STATES

* Zip / Postal Code:

07102

e. Organizational Unit:

Department Name:

NJ BOARD OF PUBLIC UTILITIES

Division Name:

RELIABILITY & SECURITY

f. Name and contact information of person to be contacted on matters involving this application:

Prefix:

Mr.

* First Name:

John

Middle Name:

* Last Name:

Masiello

Suffix:

Title: Senior Environmental Engineer

Organizational Affiliation:

NJ BOARD OF PUBLIC UTILITIES

* Telephone Number:

973-648-3457

Fax Number:

973-693-6876

* Email:

john.masiello@bpu.state.nj.us

Application for Federal Assistance SF-424

Version 02

9. Type of Applicant 1: Select Applicant Type:

A: State Government

Type of Applicant 2: Select Applicant Type:

Type of Applicant 3: Select Applicant Type:

* Other (specify):

* 10. Name of Federal Agency:

National Energy Technology Laboratory

11. Catalog of Federal Domestic Assistance Number:

81.122

CFDA Title:

Electricity Delivery and Energy Reliability, Research, Development and Analysis

* 12. Funding Opportunity Number:

DE-FOA-0000091

* Title:

Recovery Act - Enhancing State Government Energy Assurance Capabilities and Planning for Smart Grid Resiliency

13. Competition Identification Number:

Title:

14. Areas Affected by Project (Cities, Counties, States, etc.):

State

* 15. Descriptive Title of Applicant's Project:

Formula grant for Enhancing State Government Energy Assurance Capabilities and Planning for Smart Grid Resiliency - 2009 American Reinvestment and Recovery Act.

Attach supporting documents as specified in agency instructions.

Add Attachments

Delete Attachments

View Attachments

Application for Federal Assistance SF-424

Version 02

16. Congressional Districts Of:

* a. Applicant

* b. Program/Project

Attach an additional list of Program/Project Congressional Districts if needed.

Add Attachment

Delete Attachment

View Attachment

17. Proposed Project:

* a. Start Date:

* b. End Date:

18. Estimated Funding (\$):

* a. Federal	<input type="text" value="996,658.00"/>
* b. Applicant	<input type="text" value="0.00"/>
* c. State	<input type="text" value="0.00"/>
* d. Local	<input type="text" value="0.00"/>
* e. Other	<input type="text" value="0.00"/>
* f. Program Income	<input type="text" value="0.00"/>
* g. TOTAL	<input type="text" value="996,658.00"/>

* 19. Is Application Subject to Review By State Under Executive Order 12372 Process?

☐ a. This application was made available to the State under the Executive Order 12372 Process for review on

☐ b. Program is subject to E.O. 12372 but has not been selected by the State for review.

☒ c. Program is not covered by E.O. 12372.

* 20. Is the Applicant Delinquent On Any Federal Debt? (If "Yes", provide explanation.)

☐ Yes

☒ No

21. *By signing this application, I certify (1) to the statements contained in the list of certifications** and (2) that the statements herein are true, complete and accurate to the best of my knowledge. I also provide the required assurances** and agree to comply with any resulting terms if I accept an award. I am aware that any false, fictitious, or fraudulent statements or claims may subject me to criminal, civil, or administrative penalties. (U.S. Code, Title 218, Section 1001)

☒ ** I AGREE

** The list of certifications and assurances, or an internet site where you may obtain this list, is contained in the announcement or agency specific instructions.

Authorized Representative:

Prefix:

* First Name:

Middle Name:

* Last Name:

Suffix:

* Title:

* Telephone Number:

Fax Number:

* Email:

* Signature of Authorized Representative:

* Date Signed:

Application for Federal Assistance SF-424

Version 02

*** Applicant Federal Debt Delinquency Explanation**

The following field should contain an explanation if the Applicant organization is delinquent on any Federal Debt. Maximum number of characters that can be entered is 4,000. Try and avoid extra spaces and carriage returns to maximize the availability of space.

Other Attachment File(s)

* Mandatory Other Attachment Filename:

To add more "Other Attachment" attachments, please use the attachment buttons below.

Project/Performance Site Location(s)

Project/Performance Site Primary Location

☐ I am submitting an application as an individual, and not on behalf of a company, state, local or tribal government, academia, or other type of organization.

Organization Name: NEW JERSEY BOARD OF PUBLIC UTILITIES

DUNS Number: 1897376820000

* Street1: 2 Gateway Center

Street2:

* City: Newark

County: Essex

* State: NJ: New Jersey

Province:

* Country: USA: UNITED STATES

* ZIP / Postal Code: 07102-5003

* Project/ Performance Site Congressional District: NJ-all

Project/Performance Site Location 1

☐ I am submitting an application as an individual, and not on behalf of a company, state, local or tribal government, academia, or other type of organization.

Organization Name: NEW JERSEY BOARD OF PUBLIC UTILITIES

DUNS Number: 1897376820000

* Street1: 1040 River Road

Street2:

* City: Ewing

County: Mercer

* State: NJ: New Jersey

Province:

* Country: USA: UNITED STATES

* ZIP / Postal Code: 08628-2102

* Project/ Performance Site Congressional District: NJ-012

ARRA 2009 Prevailing Wage Assurance (Davis-Bacon Act)

Section 1606 of the American Recovery and Reinvestment Act of 2009 (Recovery Act) requires that "all laborers and mechanics employed by contractors or subcontractors on projects funded directly by or assisted in whole or in part by and through the Federal Government pursuant to this Act shall be paid wages at rates not less than those prevailing on projects of a character similar in the locality as determined by the Secretary of Labor in accordance with [the Davis- Bacon Act]."

Consistent with the Recovery Act mandate, the U.S. Department of Energy's Funding Opportunity Announcement for "Enhancing State Government Energy Assurance Capabilities and Planning for Smart Grid Resiliency" (hereinafter referred to as the State EA Initiative) requires that "Applications shall provide information which validates that all laborers and mechanics on projects funded directly by or assisted in whole or in part by and through funding appropriated by the Act are paid wages at rates not less than those prevailing on projects of a character similar in the locality as determined by subchapter IV of Chapter 31 of title 40, United States Code (Davis-Bacon Act)."

The New Jersey Prevailing Wage Act (N.J.S.A. 34:11-56.25 et seq.) establishes a prevailing wage level for workers engaged in public works in order to safeguard the workers efficiency and general well-being, and to protect workers as well as their employers from the effects of serious and unfair competition resulting from wage levels that are detrimental to the efficiency and well being of all concerned.

The Act requires the payment of minimum rates of pay to laborers, craftsmen and apprentices employed on public works projects. Covered workers must receive the appropriate craft prevailing wage rate as determined by the NJ Commissioner of Labor and Workforce Development. Prevailing wage rates are wage rates based on the collective bargaining agreements established for a particular craft or trade in the locality in which the public work is performed.

As such, the State of New Jersey assures that laborers and mechanics on public projects funded by the State EA Initiative will be paid wages consistent with the Davis-Bacon Act, 40 U.S.C. 3141 et seq., and the New Jersey Prevailing Wage Act, N.J.S.A. 34:11-56.25 et seq., which meets and/or exceeds the minimum requirements established by Davis-Bacon Act.

Project Narrative File

The NJ Board of Public Utilities (Board) has the responsibility of assuring that energy needs for the State of New Jersey are met¹. To that end, the Board's Division of Reliability and Security (the Division) has several programs, policies, plans, and capabilities in place to ensure the achievement of that responsibility. However, the existing programs, policies, and plans are currently fragmented and augmentation of the Division's capabilities is becoming increasingly necessary. In order to increase the Energy Assurance (EA) capabilities of the Division, current Division Staff, working in conjunction with hired contractors², will develop an overarching Energy Assurance Program within the Division. The program will include the development of a new Energy Assurance Plan (EAP), the identification and completion of various courses and training available to train staff on cyber security, EAP development, and smart grid applications and vulnerabilities. The program will also include enhancement of monitoring and response capabilities and develop mobile and redundant communications capabilities via the addition of new data and technology packages.

Project Management

Division staff and one or more hired contractors will serve as the project management team that oversees the entire Energy Assurance Grant process. They will be responsible for all administrative aspects of the grant process. This will include finalizing deliverables, ensuring proper grant documentation, and proper grant reporting. The contractor(s) may also serve various other roles as outlined in the following. The project support requirements will dictate the extent to which any contractor will be involved with the activities outlined within this document. Should the need arise for any travel or logistical expenses as a direct result of the activities carried out, they will be paid for using grant funds, including any overtime necessary to complete grant functions. The scope of the activities outlined in this grant may change due to extraneous circumstances. As such, the project narrative and all supporting documentation will be updated accordingly.

Energy Assurance Plan

The EA Program will include the development of a new Energy Assurance Plan (EAP) that will consolidate the existing fragmented plans and critical infrastructure protection (CIP) initiatives as well as outline the Board's current legal authorities. These include the Board's Energy Emergency Response plan authorized under N.J.S.A. 52:27F-17, New Jersey State Emergency Operations Plan Annexes (NJESF12 – Energy and NJESF2B – Public Telecommunications), Security Best Practices, and a security inspection program. The plan will also integrate the Division's Pipeline Safety and Underground Facilities Protection responsibilities. In order to enhance the EAP, it will also include an examination of possible new legal authorities, identify

¹ The Board has overall responsibility for Energy Assurance and the Office of Clean Energy within the Board is the State Energy Office designee. The Office of Clean Energy's primary focus is the promotion of clean energy sources and federal/state grant administration. The goals and objectives of this grant align more closely with the role of the Board's Division of Reliability and Security (comprised of the Bureau of Emergency Management and Security, the One-Call Bureau – underground facilities protection, and the Pipeline Safety Bureau). Therefore, the Division of Reliability and Security will use the funding applied for under this grant for the purposes described herein.

² For the purposes of this document, a contractor is construed to mean either outside temporary contractor(s) and/or additional hired Division Staff.

and possibly implement new CIP initiatives, and focus on cyber security and smart grid vulnerabilities. Additionally, it will also include an impact analysis of other emerging grid technologies, such as distributed generation and renewable energy. The EAP will serve as the base plan for all energy emergency related initiatives and activities as well as monitoring and response actions. Division Staff will work in conjunction with hired contractors to complete the EAP in the allotted timeframe.

Workforce Development

Significant planning expertise already exists within the Division. This is due to our ongoing mission as the New Jersey's Sector Specific Agency for the energy sector and includes both our CIP role and Emergency Management role. However, the opportunity exists to refine the Division's expertise by identifying and completing both degree and certificate courses and training related to cyber security and smart grid vulnerabilities. Division staff will work in conjunction with hired contractors in order to identify and complete the courses. In total, approximately seven Staff members will receive the opportunity to learn and train in these courses. Once the EAP is completed, Division Staff will also receive a briefing on its execution in emergencies.

Energy Supply Disruption and Tracking

The addition of substantial energy supply disruption monitoring and response capabilities will result from this grant. In order to facilitate disruption tracking, the Division will review and may acquire several data packages. These will include, but are not limited to, a web-based front-end software package to consolidate and display the State's four electric utilities outage management data in a single, concise display, GIS applications integration, subscriptions to publicly available and commercial energy data monitoring packages (including ISAC memberships), and news service subscriptions. The Division will also acquire laptop and desktop workstations to access the monitoring data. In order to enhance connectivity to the energy data packages the workstations will be equipped with a combination of data communications. The Division will review hard link fiber optic data communications, cellular broadband technology, and satellite communications technology and acquire them as deemed appropriate. The satellite communications may include data and voice packages. Additionally, the Division may also choose to increase its cache of portable Motorola XTS radios on the NJ State Police 800MHz trunked radio system. These systems, used in combination, should address the dependency of emergency communications on commercial power systems. Once acquired, a contractor will retrofit these technologies into a room at the NJ State Police Emergency Operations Center in West Trenton, NJ designated for energy emergencies and a room at the NJ Board of Public Utilities Headquarters in Newark, NJ. The retrofit will include various display technologies to make the data accessible beyond the workstation itself. These will include, but are not limited to, large format LCD displays and integration with existing display technologies at the NJ State Police EOC. Moving beyond a fixed environment, the Division and hired contractor(s) will evaluate the necessity for emergency response vehicles. If deemed necessary, the Division and/or contractor will acquire vehicle(s) and retrofit them for use with the technologies mentioned above. In all situations described above, backup power generation may also be included in the retrofit to ensure continuity of operations.

Energy Assurance Tabletop Exercises

The Board will conduct a minimum of two tabletop exercises once the EAP is finished. Development of these exercises may occur in-house, with or without contractor support. At least one exercise will test the Division's relationships and communications between interested parties within the state. These will include a combination of the petroleum, pipeline, generation, natural gas, and/or electricity sector. The scenario will include participants from the aforementioned sectors, as deemed appropriate. At least one exercise will be of larger scale. Division staff will collaborate with the NJ State Police Office of Emergency Management (OEM) and surrounding OEMs and Public Utility Commissions (PUCs) to execute the exercise. The exercise scenario will be developed in a way that State EOCs in multiple states will be involved and will serve not only to test relationships and communications between states, but emergency responders' familiarity with their respective EOCs. This will test the communications and relationships between energy stakeholders on a regional basis.

Project Summary/Abstract File

The State of New Jersey Board of Public Utilities (NJBPU, Board) is hereby applying for federal stimulus grant money under FOA-0000091, Recovery Act – Enhancing State Government Energy Assurance Capabilities and Planning for Smart Grid Resiliency. If awarded, the subsequent project will be known as the NJ Energy Assurance Planning Project (NJEAPP). Paul Giancaterino will fill the role of Project Director and the Principal Investigator will be John Masiello, both of the Board's Division of Reliability and Security. Contractors and/or additional Board Staff will provide additional project support.

The objectives of the NJEAPP are to strengthen and expand State government energy assurance planning and resiliency efforts by incorporating response actions for new energy portfolios and Smart Grid applications, to create jobs, and to build in-house State government energy assurance expertise. The expected benefits and outcomes of this project will be:

- a newly created energy assurance plan that will provide emphasis on smart grid, cyber security, and emerging energy portfolios
- the creation of State level expertise on energy assurance planning, smart grid technologies and cyber security
- refinement of energy supply system knowledge, energy data analysis skills, and energy emergency response and monitoring actions
- enhanced coordination for energy emergencies on a regional level
- the creation and saving of NJ jobs

The NJBPU plans to utilize the grant funds to augment its capabilities in all of the aforementioned areas. The Board plans to use contractor support and/or additional board staff, as necessary, in order to fulfill all grant requirements. This includes acquiring technology to enhance monitoring and response to energy emergencies by outfitting Board Staff with the latest technologies and energy data packages. This also includes the identification and completion of certificate/degree courses and workshops related to energy assurance, cyber security, and smart grid applications and vulnerabilities. Board Staff will utilize training and coursework to unify all existing energy assurance plans and bridge gaps not currently covered by those plans. A minimum of two energy assurance tabletops will also be developed and executed with grant funds. At least one of these exercises will involve collaboration with the NJ Office of Emergency Management (OEM) and out of state OEMs and Public Utility Commissions.

PMC-
EF1

(2/06/02)

U.S. DEPARTMENT OF ENERGY
EERE PROJECT MANAGEMENT CENTER
ENVIRONMENTAL CHECKLIST
(To Be Completed by Potential Recipient)



**PART I: General
Information**

DOE Project Officer: Joseph Hanna

Date: 7/27/2009

Project Title: Enhancing State Government Energy Assurance Capabilities and Planning for Smart Grid Resiliency

ST: NJ

Organization Name: New Jersey Board of Public Utilities

Solicitation Number:

Award No:

1. Please describe the intended use of DOE funding in your proposed project. For example, would the funding be applied to the entire project or only support a phase of the project? Describe the activity as specifically as possible, i.e. planning, feasibility study, design, data analysis, education or outreach activities, construction, capital purchase and/or equipment installation or modification. If the project involves construction, also describe the operation of the completed facility/equipment.

The funding will be applied to the entire energy assurance capabilities project. The project activities include energy assurance planning, data analysis, education and training and communications equipment purchases. Specifically, the project will involve the following 4 major activities:

1. Energy Assurance Planning (EAP) – Using the services of a contractor and in-house staff, the New Jersey Board of Public Utilities (NJBPUB) will develop a formal EAP to include all current energy assurance grant initiatives.
2. Energy Emergency Monitoring and Response – NJBPUB will augment existing communications and add data monitoring capabilities through the procurement of new technologies.
3. Workforce Development – New Jersey will identify and complete various courses available to train NJBPUB staff on cyber security, EAP development, and/or smart grid applications and vulnerabilities.
4. Energy Assurance Tabletop Exercises – NJBPUB will develop and execute two tabletop exercises to test the newly developed State EAP.

2. Does any part of your project require review and/or permitting by any other federal, state, regional, local, environmental, or regulatory agency? ☐ Yes ☒ No

3. Has any review (e.g., NEPA documentation, permits, agency consultations) been completed?
☐ Yes ☒ No If yes, is a finding or report available and how can a copy be obtained?

4. Is the proposed project part of a larger scope of work? ☐ Yes ☒ No If yes, please describe.

Do you anticipate requesting additional federal funding for subsequent phases of this project?
☐ Yes ☒ No If yes, please describe.

5. Does the scope of your project **only** involve one or more of the following:
- ☐ Information gathering such as literature surveys, inventories, audits,
 - ☐ Data analysis including computer modeling,
 - ☐ Document preparation such as design, feasibility studies, analytical energy supply and demand studies, or
 - ☐ Information dissemination, including document mailings, publication, distribution, training, conferences, and informational programs.

Phone:
973-645-1962
Phone:
973-648-3457

Email:
joe.costa@bpu.state.nj.us
Email:
john.masiello@bpu.state.nj.us

PART II: Environmental Considerations

Section A Conditions or special areas are present, required, or could be affected by your project:

Section B. Would your project use, disturb, or produce any chemicals or biological substances? (i.e., pesticides, industrial process, fuels, lubricants, bacteria)

Section C. Would your project require or produce any radiological materials?

Update

Print Form

Return to Main Menu